

## APPENDIX B - PENDING CLAIMS

25. A method of identifying a telomerase inhibitor comprising:

- a) contacting a compound with DNA G-quadruplex; and
- b) determining the melting point of the DNA G-quadruplex

wherein a compound exhibiting an increase in melting point of said quadruplex, relative to unbound DNA G-quadruplex, is indicated to inhibit telomerase activity.

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